

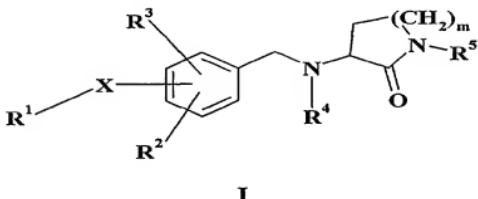
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-6. (canceled)

7. (currently amended) A compound of general formula I



L

Wherein wherein

m is an integer from 1 to 3

X is methylene, oxygen, sulphur or a NR<sup>6</sup> group;

R<sup>1</sup> is a straight or branched C<sub>1</sub>-C<sub>8</sub> alkyl or C<sub>3</sub>-C<sub>8</sub> alkenylene or C<sub>3</sub>-C<sub>8</sub> alkynylene chain, optionally substituted with CF<sub>3</sub>, phenyl, phenoxy or naphthyl or phenyl, the aromatic rings optionally substituted by one or more C<sub>1</sub>-C<sub>4</sub> alkyl, halogens, trifluoromethyl, hydroxy or C<sub>1</sub>-C<sub>4</sub> alkoxy groups;

R<sup>2</sup>, R<sup>3</sup> are independently hydrogen, a C<sub>1</sub>-C<sub>3</sub> alkyl chain, halogen, trifluoromethyl, hydroxy or C<sub>1</sub>-C<sub>4</sub> alkoxy groups;

$R^4, R^5, R^6$  are independently hydrogen or  $C_1-C_6$  alkyl; and  
the pharmaceutically acceptable salts thereof[.];  
provided that:

- when  $R^1$  is phenyl, benzyl, 2-phenethyl or 3-phenpropyl  
optionally and independently substituted on the phenyl ring by  
one or two  $C_1-C_6$  alkyl, halogen, hydroxy,  $C_1-C_4$  alkoxy or  
trifluoromethyl and  $X$  is oxygen, sulphur, methylene or  $-NH-$ , at  
least one of  $R^2$  or  $R^3$  is other than hydrogen;
- if  $m$  is 3,  $R^1-X$  4-benzyloxy,  $R^2$ ,  $R^4$  and  $R^5$  hydrogen,  
then  $R^3$  is other than 3-methoxy; and
- if  $m$  is 3,  $R^1-X$  3-benzyloxy,  $R^2$ ,  $R^4$  and  $R^5$  hydrogen, then  
 $R^3$  is other than 4-methoxy.

**8-9. (canceled)**

**10. (currently amended)** The compound method according to claim  
7 13, wherein the compound is selected from the group  
consisting of:

- 3- (4-Butyloxy-benzylamino)-pyrrolidin-2-one;
- 3- [4- (4-trifluorobutyloxy)-benzylamino]-pyrrolidin-2-one;
- 3- (4-Pentyloxy-benzylamino)-pyrrolidin-2-one;
- 3- [4- (5-trifluoropentyloxy)-benzylamino]-pyrrolidin-2-one;
- 3- (4-Phenylethyl-benzylamino)-pyrrolidin-2-one;
- 3- (4-Benzylxy-benzylamino)-pyrrolidin-2-one;

3- (4-Phenylbutoxy-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenylpentoxy-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenylallyloxy)-benzylamino-pyrrolidin-2-one;  
3- (4-Phenoxyethoxy-benzylamino)-pyrrolidin-2-one;  
3- [4- (Naphthalen-1-ylmethoxy)-benzylamino]-pyrrolidin-2-one;  
3- (4-Pentyloxy-3-fluoro-benzylamino)-pyrrolidin-2-one;  
3- (4-Pentyloxy-3-chloro-benzylamino)-pyrrolidin-2-one;  
3- (4-Pentyloxy-3-bromo-benzylamino)-pyrrolidin-2-one;  
3- (4-Pentyloxy-3-methoxy-benzylamino)-pyrrolidin-2-one;  
3- (4-Pentyloxy-3-methyl-benzylamino)-pyrrolidin-2-one;  
3- (4-Benzyloxy-3-fluoro-benzylamino)-pyrrolidin-2-one;  
3- (4-Benzyloxy-3-bromo-benzylamino)-pyrrolidin-2-one;  
3- (4-Benzyloxy-3-methoxy-benzylamino)-pyrrolidin-2-one;  
3- (4-Benzyloxy-3-methyl-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenylpentoxy-2-chloro-benzylamino)-pyrrolidin-2-one; 3-  
(4-Phenylpentoxy-3-bromo-benzylamino)-pyrrolidin-2-one; 3- (4-  
Phenylpentoxy-3-methoxy-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenylpentoxy-3-methyl-benzylamino)-pyrrolidin-2-one; 3-  
(4-Phenylallyloxy-2-chloro-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenylallyloxy-3-fluoro-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenylallyloxy-3-bromo-benzylamino)-pyrrolidin-2-one; 3-  
(4-Phenylallyloxy-3-methoxy-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenylallyloxy-3-methyl-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenoxyethoxy-2-chloro-benzylamino)-pyrrolidin-2-one; 3-  
(4-Phenoxyethoxy-3-fluoro-benzylamino)-pyrrolidin-2-one; 3-(4-

Phenoxyethoxy-3-bromo-benzylamino)-pyrrolidin-2-one; 3- (4-  
Phenoxyethoxy-3-methoxy-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenoxyethoxy-3-methyl-benzylamino)-pyrrolidin-2-one; 3-  
[4-(Naphthalen-1-ylmethoxy)-3-bromo-benzylamino]-pyrrolidin-2-  
one;  
3-[4-(Naphthalen-1-ylmethoxy)-3-methoxy-benzylamino]-  
pyrrolidin-2- one;  
3-[4- (Naphthalen-1-ylmethoxy)-3-methyl-benzylamino]-  
pyrrolidin-2- one;  
3- (4-Pentyloxy-3-bromo-5-methoxy-benzylamino)-pyrrolidin-2-  
one;  
3- (4-Pentyloxy-3, 5-dimethoxy-benzylamino)-pyrrolidin-2-one;  
3- (4-Pentyloxy-3, 5-dimethyl-benzylamino)-pyrrolidin-2-one;  
3- (4-Benzylloxy-3-bromo-5-methoxy-benzylamino)-pyrrolidin-2-  
one;  
3- (4-Benzylloxy-3, 5-dimethoxy-benzylamino)-pyrrolidin-2-one;  
3- (4-Benzylloxy-3, 5-dimethyl-benzylamino)-pyrrolidin-2-one;  
3- (4-Phenylallyloxy-3-bromo-5-methoxy-benzylamino)-  
pyrrolidin-2- one;  
3- (4-Phenylallyloxy-3, 5-dimethoxy-benzylamino)-pyrrolidin-2-  
one;  
3- (4-Phenylallyloxy-3, 5-dimethyl-benzylamino)-pyrrolidin-2-  
one;  
3-(4-Phenylpentoxy-3-bromo-5-methoxy-benzylamino)-pyrrolidin-  
2- one;

3- (4-Phenylpentoxy-3, 5-dimethoxy-benzylamino)-pyrrolidin-2-one;

3- (4-Phenylpentoxy-3, 5-dimethyl-benzylamino)-pyrrolidin-2-one;

3- (4-Phenoxyethoxy-3-bromo-5-methoxy-benzylamino)-pyrrolidin-2-one;

3- (4-Phenoxyethoxy-3, 5-dimethoxy-benzylamino)-pyrrolidin-2-one;

3- (4-Phenoxyethoxy-3, 5-dimethyl-benzylamino)-pyrrolidin-2-one;

3-[4-(Naphthalen-1-ylmethoxy)-2-chloro-5-methoxy-benzylamino]-pyrrolidin-2-one;

3- [4- (Naphthalen-1-ylmethoxy)-3-fluoro-5-methoxy-benzylamino]- pyrrolidin-2-one;

3-[4- (Naphthalen-1-ylmethoxy)-3-bromo-5-methoxy-benzylamino]-pyrrolidin-2-one;

3- [4- (Naphthalen-1-ylmethoxy)-3, 5-dimethoxy-benzylamino] -pyrrolidin-2-one;

3-[4-(Naphthalen-1-ylmethoxy)-3, 5-dimethyl-benzylamino]-pyrrolidin- 2-one;

3- [4- (2-Fluorobenzylxy)-benzylamino]-pyrrolidin-2-one;

3- [4- (2-Fluorobenzylxy)-benzylamino]-N-methylpyrrolidin-2-one;

3- [4- (2-triFluoromethyl-benzylxy)-benzylamino]-pyrrolidin-2-one;

3- [4- (2-Chlorobenzylxyloxy)-benzylamino]-pyrrolidin-2-one; 3- [4- (2-Methoxybenzylxyloxy)-benzylamino]-pyrrolidin-2-one; 3-[4- (3-Fluorobenzylxyloxy)-benzylamino]-pyrrolidin-2-one;  
3-[4-(3-Fluorobenzylxyloxy)-benzylamino]-N-methylpyrrolidin-2-one;  
3- {N- [4- (3-Fluorobenzylxyloxy)-benzyl]-N-methyl}-amino-pyrrolidin-2-one;  
3- [4- (3-triFluoromethyl-benzylxyloxy)-benzylamino]-pyrrolidin-2-one;  
3- [4- (3-Chlorobenzylxyloxy)-benzylamino]-pyrrolidin-2-one; 3- [4- (3-Methoxybenzylxyloxy)-benzylamino]-pyrrolidin-2-one; 3- [4- (3-Methoxybenzylxyloxy)-benzylamino]-N-methylpyrrolidin-2-one;  
3- [4- (4-Fluorobenzylxyloxy)-benzylamino]-pyrrolidin-2-one; 3- [4- (4-Chlorobenzylxyloxy)-benzylamino]-pyrrolidin-2-one; 3- [4- (4-Methoxybenzylxyloxy)-benzylamino]-pyrrolidin-2-one; 3- [4- (4-triFluoromethyl-benzylxyloxy)-benzylamino]-pyrrolidin-2-one;  
3- [4- (2, 3-diChlorobenzylxyloxy)-benzylamino]-pyrrolidin-2-one;  
3- [4- (3, 4-diChlorobenzylxyloxy)-benzylamino]-pyrrolidin-2-one;  
3- [4- (3, 4-diMethoxybenzylxyloxy)-benzylamino]-pyrrolidin-2-one;  
3- [4- (3, 5-diMethoxybenzylxyloxy)-benzylamino]-pyrrolidin-2-one;  
3- [4- (3, 5-diMethoxybenzylxyloxy)-benzylamino]-N-methylpyrrolidin-2-one;

3- [4- (3, 5-diMethoxyphenyl)-pentoxy]-benzylamino-pyrrolidin-2-one;

3- [4- (2-FluorobenzylOxy)-3-methyl-benzylamino]-pyrrolidin-2-one;

3- [4- (2-triFluoromethyl-benzylOxy)-3-methyl-benzylamino]-pyrrolidin- 2-one;

3- [4- (3-FluorobenzylOxy)-3-methyl-benzylamino]-pyrrolidin-2-one;

3- [4- (3-FluorobenzylOxy)-3-methyl-benzyl]-N-methylamino}-pyrrolidin-2-one;

3- [4- (3-triFluoromethyl-benzylOxy)-3-methyl-benzylamino]-pyrrolidin-2-one;

3-[4- (3-ChlorobenzylOxy)-3-methyl-benzylamino]-pyrrolidin-2-one;

3- { [4- (3-ChlorobenzylOxy)-3-methyl-benzyl]-N-methylamino}-pyrrolidin-2-one;

3- [4- (3-BromobenzylOxy)-3-methyl-benzylamino]-pyrrolidin-2-one;

3-f [4- (3-BromobenzylOxy)-3-methyl-benzyl]-N-methylamino}-pyrrolidin-2-one;

3-[4- (4-triFluoromethyl-benzylOxy)-2-chloro-benzylamino]-pyrrolidin- 2-one;

3- [4- (4-FluorobenzylOxy)-3-methyl-benzylamino]-pyrrolidin-2-one;

3- [4- (4-triFluoromethyl-benzyloxy)-3-fluoro-benzylamino]-  
pyrrolidin- 2-one;

3- [4- (4-triFluoromethyl-benzyloxy)-3-bromo-benzylamino]-  
pyrrolidin- 2-one;

3-[4- (4-triFluoromethyl-benzyloxy)-3-methoxy-benzylamino]-  
pyrrolidin-2-one;

3- [4-(4-triFluoromethyl-benzyloxy)-3-methyl-benzylamino]-  
pyrrolidin- 2-one;

3- [4- (4-Chlorobenzyloxy)-3-methyl-benzylamino]-pyrrolidin-2-  
one;

3- [4- (4-triFluoromethyl-benzyloxy)-3-bromo-5-methoxy-  
benzylamino]- pyrrolidin-2-one;

3-[4- (4-triFluoromethyl-benzyloxy)-3, 5-dimethoxy-  
benzylamino]- pyrrolidin-2-one;

3- [4- (4-triFluoromethyl-benzyloxy)-3, 5-dimethyl-  
benzylamino]- pyrrolidin-2-one;

3- [4- (3, 4-diChlorobenzyloxy)-2-chloro-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 4-diChlorobenzyloxy)-3-fluoro-benzylamino]-  
pyrrolidin-2-one;

3-[4- (3, 4-diChlorobenzyloxy)-3-bromo-benzylamino]-  
pyrrolidin-2-one;

3-[4- (3, 4-diChlorobenzyloxy)-3-methoxy-benzylamino]-  
pyrrolidin-2- one;

3- [4- (3, 4-diChlorobenzylOxy)-3-methyl-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 5-diMethoxybenzylOxy)-2-chloro-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 5-diMethoxybenzylOxy)-3-fluoro-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 5-diMethoxybenzylOxy)-3-bromo-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 5-diMethoxybenzylOxy)-3-methoxy-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 5-diMethoxybenzylOxy)-3-methyl-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 4-diChlorobenzylOxy)-3,5-dimethoxy-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 4-diChlorobenzylOxy)-3,5-dimethyl-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 5-diChlorobenzylOxy)-3-bromo-5-methoxy-  
benzylamino]- pyrrolidin-2-one;

3- [4- (3, 5-diMethoxybenzylOxy)-3-bromo-5-methoxy-  
benzylamino]- pyrrolidin-2-one;

3- [4- (3, 5-diMethoxybenzylOxy)-3, 5-dimethoxy-benzylamino]-  
pyrrolidin-2-one;

3- [4- (3, 5-diMethoxyphenyl)-allyloxy)-3, 5-dimethoxy-  
benzylamino]- pyrrolidin-2-one;

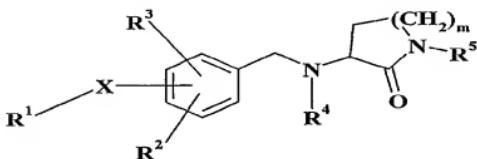
3- (4-BenzylOxy-benzylamino)-piperidin-2-one;

3- (4-Benzylxy-benzylamino)-azepan-2-one;  
3- [4- (2-Fluorobenzylxy)-benzylamino]-piperidin-2-one;  
3- [4- (2-Fluorobenzylxy)-benzylamino]-azepan-2-one;  
3- [4- (2-Chlorobenzylxy)-benzylamino]-piperidin-2-one;  
3- [4- (2-Chlorobenzylxy)-benzylamino]-azepan-2-one;  
3- [4- (3-Fluorobenzylxy)-benzylamino]-piperidin-2-one;  
3- [4- (3-Fluorobenzylxy)-benzylamino]-azepan-2-one; 3- [4- (4-Fluorobenzylxy)-benzylamino]-piperidin-2-one; 3- [4- (4-Fluorobenzylxy)-benzylamino]-azepan-2-one;  
3- [4- (2-Chlorobenzylamino)-benzylamino]-piperidin-2-one; 3- [4- (2-Chlorobenzylamino)-benzylamino]-azepan-2-one;  
3-{4-[(2-Chlorobenzyl)methylamino]-benzylamino}-piperidin-2-one;  
3-{4-[(2-Chlorobenzyl) methylamino]-benzylamino}-azepan-2-one;  
3- (4-Phenoxybenzylamino)-pyrrolidin-2-one; ~~or~~ and  
pharmaceutically acceptable salts thereof.

11. (canceled)

12. (currently amended) A pharmaceutical composition containing  
a the compound according to claim 7, or a pharmaceutically  
acceptable salt thereof, in admixture with a suitable carrier  
and/or diluent and optionally to other therapeutic agents.

13. (currently amended) A method for treating pain, migraine, cognitive disorders, inflammation, gastrointestinal tract disorders, disorders of the genitor urinary tract, ophthalmic diseases or obesity in a subject, said method comprising administering to said subject an effective amount of a compound according to claim 7. of general formula I



I

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wherein

m is an integer from 1 to 3

X is methylene, oxygen, sulphur or a NR<sup>6</sup> group;

R<sup>1</sup> is a straight or branched C<sub>1</sub>-C<sub>8</sub> alkyl or C<sub>3</sub>-C<sub>8</sub> alkenylene or C<sub>3</sub>-C<sub>8</sub> alkynylene chain, optionally substituted with CF<sub>3</sub>, phenyl, phenoxy or naphthyl or phenyl, the aromatic rings optionally substituted by one or more C<sub>1</sub>-C<sub>4</sub> alkyl, halogens, trifluoromethyl, hydroxy or C<sub>1</sub>-C<sub>4</sub> alkoxy groups;

R<sup>2</sup>, R<sup>3</sup> are independently hydrogen, a C<sub>1</sub>-C<sub>3</sub> alkyl chain, halogen, trifluoromethyl, hydroxy or C<sub>1</sub>-C<sub>4</sub> alkoxy groups;

R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup> are independently hydrogen or C<sub>1</sub>-C<sub>6</sub> alkyl; and the pharmaceutically acceptable salts thereof.

14-16. (canceled)